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**UTILITY PATENT APPLICATION
UNDER 37 CFR 1.53(b)**

Box PATENT APPLICATION
Commissioner for Patents
Washington, DC 20231
Sir:

Transmitted herewith for filing is the patent application of:

INVENTOR: Robert Michael HARRIS
FOR: INTERMEDIATE FREQUENCY PLANNING IN RADIO TRANSMITTERS
AND RECEIVERS

Enclosed are:

88 pages of specification, claims, abstract.
 Declaration and Power of Attorney.
 Priority Claimed. British Patent Application Number 0103384.4
 11 sheets of formal drawing.
 An assignment of the invention to Matsushita Electric Industrial Co., Ltd.
 and the assignment recordation fee.
 An associate power of attorney.
 A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
 Information Disclosure Statement, Form PTO-1449 and references.
 Return Receipt Postcard

The filing fee has been calculated as shown below:

	NO. OF CLAIMS	EXTRA CLAIMS	RATE	AMOUNT
Total Claims	60	-20	\$18.00	\$720.00
Independent Claims	4	-3	\$84.00	\$84.00
Multiple Dependent Claim(s)				\$0.00
Basic Fee				\$740.00
Total of Above Calculations				\$1,544.00
Less ½ for Small Entity				\$0.00
Assignment & Recording Fee				\$40.00
Total Fee				\$1,584.00



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PATENT TRADEMARK OFFICE

- Please charge my Deposit Account No. 500417 in the amount of \$1,584.00. A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 500417. A duplicate copy is enclosed.
 - Any additional filing fees required under 37 CFR 1.16.
- The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 500417. A duplicate copy of this sheet is enclosed.
 - Any patent application processing fees under 37 CFR 1.17.
 - Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

MCDERMOTT, WILL & EMERY



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